

INFORMATION DISCLOSURE CITATION IN AN APPLICATION  (PTO-1449)				ATTY. DOCKET NO. 050395-0243	SERIAL NO. 10/750,864	
				APPLICANT Masaaki HIRANO, et al.		
				FILING DATE January 05, 2004	GROUP 1731	
U.S. PATENT DOCUMENTS						
EXAMINER'S INITIALS	CITE NO.	Document Number Number-Kind Code ₂ (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
/QSD/		US 2002/0102083	08/01/2002	Berkey et al.		
/QSD/		US 6,131,415	10/17/2000	Chang et al.	Corresponding to CN 1221709	
	US					
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FOREIGN PATENT DOCUMENTS						
EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Codes -Number & Kind Codes (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear	Translation Yes No
/QSD/		CN 1221709	07/07/1999	—	Corresponds to US 6,131,415	
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)						
EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				
		Office Action dated December 1, 2006				
EXAMINER /Queenie Dehghan/				DATE CONSIDERED 04/13/2007		

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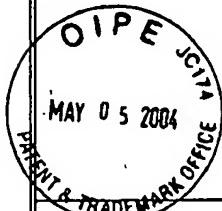
(PTO-1449)

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(PTO-1449)

ATTY. DOCKET NO.
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10/750,864APPLICANT
Masaaki HIRANO, et al.FILING DATE
January 05, 2004GROUP
1731**U.S. PATENT DOCUMENTS**

EXAMINER'S INITIALS	CITE NO.	Document Number Number-Kind Code(s if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/QSD/		US 5,917,109	06/29/1999	Berkey	
/QSD/		US 6,422,042 B1	07/23/2002	Berkey	
/QSD/		US 2002/0134113 A1	09/26/2002	Berkey	
/QSD/		US 4,793,842	12/27/1988	Yokota et al.	
/QSD/		US 4,668,263	05/26/1987	Yokota et al.	
/QSD/		US 4,772,303	09/20/1988	Kamiya et al.	

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Codes-Number + Kind Codes (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear	Translation	
						Yes	
/QSD/		JP 08-225335	09/03/1996		w/ corresponding EP 0718 244 A2, U.S. patent 5,917,109, U.S. patent 6,422,042 B1 & U.S. Patent Appl. Publication 2002/0134113 A1		X
/QSD/	A2	EP 0 718 244	06/26/1996				
/QSD/	A	JP 62-226829	10/05/1987	FURUKAWA ELECTRIC CO LTD		(w/ English Translation Abstract)	
/QSD/	A	JP 62-59543	03/16/1987	MITSUBISHI CABLE IND LTD		(w/ English Translation Abstract)	
/QSD/	A	JP 62-246834	10/28/1987	MITSUBISHI CABLE IND LTD		(w/ English Translation Abstract)	
/QSD/	A	JP 61-227938	10/11/1986		w/ corresponding U.S. patent 4,793,842		
/QSD/	A	JP 61-117126	06/04/1986		w/ corresponding U.S. patent 4,668,263		
/QSD/	A	JP 62-3034	01/09/1987		w/ corresponding patent U.S. 4,772,303		

OTHER ART. (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
/QSD/		Hajumu Wakabayashi, et al., "DIFFUSION OF WATER INTO SILICA GLASS AT LOW TEMPERATURE", Materials Engineering Department, Rensselaer Polytechnic Institute, Troy, New York 12180-3590, J.Am. Ceram. Soc., Vol. 72, No. 10, pp. 1850-1855	
/QSD/		Application handbook for amorphous silica materials (compiled by Katsuro Fukamizu, published by Realize Co., 1999, pp. 54-69 and partial English Translation thereof)	

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